

**ILLUSTRATIONS.**

The Linen House, Frankfurt-on-the-Maine  
Training Institution, Bishop's Bedford: Mr. Clark, Architect  
On the Arrangement of Farm Buildings—Systems of Feeding  
Cattle—Burr's Treatise on this Subject—Models in Great Exhibition  
The Classification of Medieval Architecture  
The Lark Controversy  
Campbell's Needle  
The Improvement of British Artisans  
An Iron Ball-room for Prince Albert  
France and England—A Comparison  
Garden in the Great Exhibition  
Fosses in the Provinces  
The Linen House, Frankfurt-on-the-Maine  
Price Destroyers  
The Sewer and the Manure-pit  
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Tomb for Remains of St. Paul's, Covent-garden  
Booths, Low on Public Health (Eyre and Co.): Vase on British Museum Antiquities (Murray): Rubens on Model Houses (Bentley, Esq.): "The Times" on Rail Literature (Murray)

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**ADVERTISEMENTS.**

**THEODOLITE for SALE.**—“Dollond,” has been only used a few times, and is of first-rate description. Price moderate. To be seen at the Office of “The Builder,” York-street, Covent-garden.

**FOR SALE,** a new patent **PLANING-MACHINE**, adapted for planing the surface of boards of all thicknesses from 1½ inches wide. Can be worked either by steam or hand-power. Price, £120. WOLMAN and CO., Engineers, King-street, Chelsea.

**SAWING MACHINERY for SALE.**—Second-hand, viz.—a Steam Engine of twenty horse power, with boiler, two belt saw mills large and small, with various power complete; a Vertical Saw Mill; two Circular saws, with cast-iron frames; and a Planing Machine, with all necessary gear. Apply, **PERROT**, 11, Iron Works, Cork, or Office of “The Builder,” 1, York-street, Covent-garden.

**TO BUILDERS, WHARFINGERS, AND OTHERS.**  
**TO BE SOLD, A GETTING SAND**  
BARGE, with gear and boat all complete, and ready for immediate use. Apply at the “Bricklayers’ Arms,” Narrow-street, Lambeth-road.

**TO BE SOLD CHEAP, SIX MAHOGANY**  
SASHES and FRAMES, with shutters complete, 9 feet high, 4 feet wide, just taken down from a gentleman’s mansion. Also a very excellent crab; a very good Gothic Pulpit, with iron and woodwork; and a communion rail, just taken from a church. For particulars inquire of **MR. RICHARDS**, Salisbury wharf, Strand.

**TO LANDLORDS AND OTHERS.**  
**WANTED TO RENT, with immediate**  
possession, a substantial, well-built MANSION-HOUSE, with or without coach-house and stables. It must contain not less than thirty rooms fit for a family, and be in a healthy situation to be west of Tottenham; either Lincoln’s-inn-fields, the Strand, Holborn, St. James’s-square, Whitehall, or elsewhere, near the Houses of Parliament. Written terms and particulars to be forwarded to A. B. BROWN’S Newspaper Office, 1, Pall-mall-street, Westminster. No personal application will be received.

**LAND TO BE LET.**—A Piece of FREEHOLD LAND for two pairs of semi-detached Residences, in the road, near HODGKINSON, and about a mile from the railway station. Also land at BOW WOOD and DISNEYDON. Money advanced. Apply to **MR. J. HOLT**, Solicitor, 18, Chancery-lane; and **MR. WHITING**, Office-terrace, Bath-road.

**BUILDING LAND.—TO BE LET,** on Building Lease, several PLOTS of FREEHOLD LAND, for the Erection of four and six roomed Houses, in a commanding position, near the Victoria-park, Hackney. Also at Tottenham, near the Railway Station, where good houses are now building. Apply to **MR. WILKINSON**, 12, Broad-street, Whitechapel.

**HOOTER’S HILL, KENT.—BUILDING**  
GROUND, &c.—**TO BUILDERS AND OTHERS.**—TO BE LET, a large and healthy Building Lease, a roomy FAMILY RESIDENCE, together with about four and a half acres of land, in a healthy and beautiful situation, the house is being converted into three, or otherwise much improved, and is extremely healthy, and the views most extensive and beautiful, overlooking the metropolis, with its noble river and shipping. There is room for the erection of six or eight houses, with a garden, and a railway station, steam engine, &c. Apply to **MR. JOHN COLLIER**, Surveyor, 7, Cannon-street, City.

**EAST LONDON WATER WORKS.**  
The appointment of **ENGINEER** to this Company is **VACANT**, by the resignation of **Thomas Wickstead**, Esq. Parties who propose to become Candidates may send in their applications to the Court of Directors, accompanied by certificates of character, and requests to the Company’s office, 14, St. Helen’s-lane, Humpstead-street, addressed to the Secretary, on or before **WEDNESDAY**, the 12th day of September next. No one will be considered eligible who is under thirty or above forty years of age, or who is not practically acquainted with the superintendence of Water Works; or who will not, in the event of his election, devote his whole time to the duties of the office. The salary, from each period as the Director of the Company may determine, to be paid constantly at the house provided for the Engineer at the Works at Old Ford, and to devote his time and attention exclusively to the Company’s business. Salary, and particulars with the usual allowance of roads and medicines. Any further particulars which candidates may require, can be obtained by their making personal application at the Company’s office addressed, between the hours of 10 and 5 daily. Chief Clerk and Secretary.

**CONTRACTS.**  
**TO BUILDERS.**  
**PERSONS desirous of CONTRACTING**  
for the ERECTION of THREE PAIRS of SEMI-DETACHED RESIDENCES, adjoining the East Railway Station at CROYDON, may see the plans and specifications at the office of **MR. P. D. HARRISON**, Architect and Surveyor, 10, St. James’s-street, Brighton, on and after Monday, September 10th, to whom tenders are to be sent up to Monday, September 16th. The parties letting the work will not bind themselves to accept the lowest or any other tender.

**TO BUILDERS.**  
**PERSONS desirous of CONTRACTING**  
for the ERECTION of THREE PAIRS of HOUSES, part of a much larger number of the same description, intended to be built, and also a COTTAGE adjoining, at NEW PECKHAM, may inspect the drawings and specifications at the office of **MR. JOHN ALMOND**, Esq., Architect, 10, St. James’s-street, Brighton, on and after Monday, September 10th, to whom tenders are to be sent up to Monday, September 16th. The lowest or any other tender will not necessarily be accepted.

**TO CONTRACTORS.—NEW CHURCH, HIVE, near Newington.**  
**PERSONS desirous of CONTRACTING**  
for the above may see the plans, specifications, and draft of contract at the office of **MR. W. G. and E. HARRISON**, Architects, 10, St. James’s-square, London, on and after the 10th of September instant. Tenders to be delivered at the office of **MR. H. C. PERROT**, Esq., 11, Iron Works, Cork, on or before Monday, September 10th, to whom tenders are to be sent up to Monday, September 16th. The lowest or any other tender will not necessarily be accepted.

**THE Committee of Management of the**  
**Porter Island Gaslight Company** are prepared to receive **TENDERS** for the supply and delivery of the undermentioned **CANTING**, on the Tower-pier, Portman-street, viz.—the works of canting socket pipes, of 16 inches internal diameter, weighing not less than 2 cwt. per yard; two yards of cast-iron socket pipes, of 16 inches internal diameter, weighing not less than 2 cwt. 8 qrs. per yard. The whole of the pipes to be of uniform bore and thickness of metal throughout, and proved with a pressure equal to 20 feet head of water, while struck with a 4 lb. hammer. Also bends, branches, iron, elbows, and spigons, with all the necessary fittings complete. The tenders for pipes to be sent up to and for the other castings at 10 per cent, to be delivered at the Company’s Office, Portman-street, on or before **TUESDAY**, the 11th September, and the whole of the articles to be delivered as before mentioned, not later than the 1st day of October. Payment to be made on the completion and approval of the deliveries.

**TO SURVEYORS.**  
**BOURGH OF READING.—LOCAL**  
**BOARD OF HEALTH.**—The Local Board of Health for the Borough of Reading are desirous of receiving **TENDERS** for a **NEW LEVEL**, and **MAPS** of the **BOURGH**, for the purpose of the Public Health Act. The maps are to be prepared according to the scales and requirements laid by the General Board of Health, and agreeably to the specifications and particulars prepared by **MR. JOHN BERRY**, Esq., the Surveyor to the Board, and which may be seen at his office, 20, Broad-street, Reading, after Wednesday, the 2nd of September next, between the hours of ten and four o’clock. Tenders, enclosed in sealed envelopes, must be sent under cover, addressed to the office of the Surveyor, 10, Friar-street, Reading, on or before Thursday, the 14th day of September next. The Board do not bind themselves to accept the lowest or any other tender.  
**THOMAS ROGERS**, Clerk to the Board, 10, Friar-street, Reading, Aug. 28, 1851.

**TO IRONFOUNDERS, &c.**  
**THE Commissioners for Public Baths and**  
Washhouses, in the parish of All Saints, Poplar, HEREBY GIVE NOTICE, that they will meet at the Town-hall, Poplar, on **WEDNESDAY**, the 26th day of September, 1851, at eleven o’clock in the morning, to receive **TENDERS** for **SOILERS**, **PIPES**, and **FITTINGS**, connected with the Baths and Washhouses now erected in the East India Dock-road, in the said parish. The plans and specifications may be seen, to the office of **MR. P. RICHARD BAILY**, 14, Docking-lane-street, Adelphi from Monday, the 12th, to Saturday, the 28th instant, both days inclusive, between the hours of ten and four o’clock. The tenders are to be delivered, sealed, addressed to the Commissioners of Public Baths and Washhouses, in the parish of All Saints, Poplar, Town-hall, Poplar, on or before Tuesday, the 3rd instant. The party whose tender is accepted will be required, within two calendar months, to be approved by the Commissioners, to enter into contract and bond, or other security, for the due performance of the contract, as may be prepared by the solicitor for the Commissioners, at the expense of the contractor. The Commissioners will not bind themselves to accept the lowest tender.  
**CHARLES C. CREEK**, Clerk to the Commissioners.  
September 6th, 1851.

**CONTRACTS.**  
**TO BRASSFOUNDERS AND OTHERS.**  
**THE Local Board of Health for the District**  
of Tottenham HEREBY GIVE NOTICE, that they are prepared to receive **TENDERS** for **CASTING**, in **BRASS**, of **PISTONS**, **VALVES**, **PLUGS**, &c. for the water supply of that district. The specifications and conditions of contract may be obtained, upon payment of 2s. 6d., at the office of the Surveyor to the Local Board of Health, Tottenham-green, on and after the 4th day of September instant. Tenders, enclosed in “Tender for Tenders” form, and addressed to the Clerk of the Local Board of Health, Tottenham, must be sent on or before the 12th day of September instant. By order of the Board, **WILLIAM HEATH**, Clerk.

**TO MANUFACTURERS OF DRAIN PIPES AND OTHERS.**  
**THE Local Board of Health for the District**  
of Tottenham HEREBY GIVE NOTICE, that they are prepared to receive **TENDERS** for **STONEWARE DRAIN PIPES**, **BENDS**, and **JUNCTIONS**, for the sewerage of that district. The specifications and conditions of contract may be obtained, upon payment of 2s. 6d., at the office of the Surveyor to the Local Board of Health, Tottenham-green, where the drawings may also be inspected, on and after the 4th day of September instant. Tenders, enclosed in “Tender for Tenders” form, and addressed to the Clerk of the Local Board of Health, Tottenham, must be sent on or before the 12th day of September instant. By order of the Board, **WILLIAM HEATH**, Clerk.

**TO IRONFOUNDERS AND OTHERS.**  
**THE Local Board of Health for the District**  
of Tottenham HEREBY GIVE NOTICE, that they are prepared to receive **TENDERS** for **CASTING**, in **IRON**, of **PISTONS**, **VALVES**, **PLUGS**, &c. for the water supply of that district. The specifications and conditions of contract may be obtained, upon payment of 2s. 6d., at the office of the Surveyor to the Local Board of Health, Tottenham-green, where the drawings may also be inspected, on and after the 4th day of September instant. Tenders, enclosed in “Tender for Tenders” form, and addressed to the Clerk of the Local Board of Health, Tottenham, must be sent on or before the 12th day of September instant. By order of the Board, **WILLIAM HEATH**, Clerk.

**TO IRON ENGINE MAKERS AND OTHERS.**  
**THE Local Board of Health for the District of**  
Tottenham HEREBY GIVE NOTICE, that they are prepared to receive **TENDERS** for **MAKING**, **ERECTING**, and **PUTTING TO WORK** **TWO** small high pressure steam **WATER-ENGINES**, with **Boilers**, **Pumps**, &c. for the water supply of that district. The specifications and conditions of contract may be obtained, upon payment of 2s. 6d., at the office of the Surveyor to the Local Board of Health, Tottenham-green, where the drawings may also be inspected, on and after the 4th day of September instant. Tenders, enclosed in “Tender for Tenders” form, and addressed to the Clerk of the Local Board of Health, Tottenham, must be sent on or before the 12th day of September instant. By order of the Board, **WILLIAM HEATH**, Clerk.

**GREAT BRITAIN STEAMSHIP.—To**  
Nine Proprietors, Water-work and Land-drainage Companies, Contractors, Manufacturers, and others.—The Proprietors of this ship desire **TENDERS** for the whole or for any definite portion that would not prejudice the entirety of the remainder of her **STEAM MACHINERY**, as originally constructed, consisting of four single cylinders of 6 feet stroke, with pumps and valve gear complete in themselves, from the pistons to the crank pin.—Apply to **MR. CHAMBERLAIN**, Civil Engineer, or Captain **WATKINS**, at the Board of Admiralty, Whitehall, or to **MR. GIBBS**, Bright, and Co., Liverpool.

**PETERSFIELD GAS COMPANY.**  
The Directors are willing to receive **TENDERS** for the **ERECTING** of **WORKS** for the purpose of supplying the town of Petersfield with **White’s Hydro-Carbon Patent Gas**. The contractor must arrange with the patentee respecting his rights as patentee. The length of main required will be about 1,000 yards of 6 inch pipe, and 500 yards of 4 inch and 3 inch pipe, and the number of public lamps will be about thirty. The Directors do not pledge themselves to take the lowest tender. Tenders containing plans, full specifications of the work to be done, with the price for each work in detail, and of the time required to complete the same, are to be sent on or before the 20th of September instant, to the office of **MR. WITCHELL** and **MINTY**, Solicitors, in Petersfield, Bants—Petersfield, Aug. 28, 1851.

**TO BUILDERS.**  
**ST. MARY, NEWINGTON, SURREY.**  
The Governors and Guardians will meet at the Board room of the Workhouse, at Newington, on **WEDNESDAY**, the 26th day of September, at eleven o’clock in the morning, to receive and consider **TENDERS** for the erection of a new **WASHHOUSE** for the purpose of the **NEW WORKHOUSE** for this parish. Plans and specifications may be seen at the office of **HENRY JARVIS**, Esq., Surveyor to the Guardians, Newington. The contractor will be required to enter into a contract and bond, at his own expense, to be prepared by the Solicitor to the Governors and Guardians, with sufficient securities for the due performance of the contract. Tenders, sealed up, must be sent to the Clerk of the Board, at Newington, before Four o’clock of the day of meeting. The Governors and Guardians do not bind themselves to accept the lowest or any other tender.  
By order of the Board, **JOSEPH BERNARD**, Clerk to the Governors and Guardians.  
Dated this 2nd day of September, 1851.

**PARISH CONTRACTS.—Messrs.**  
**ORRIS and ARNOLD** are willing to inform Parish Authorities that they are open to **CONTRACTS** for the making and keeping in repair, **PORT PAVEMENTS**, **PATHS**, &c. with their **PATENT METALLIC LAVA**, or with their newly-invented **GRAVEL LAVA**.  
**Messrs. O & A** are willing to receive payments for work done, by Annual Instalments.  
Applications may be seen, and every information obtained at the Office, 6, Guildhall Chambers, Managial-street.